Applicant: Graham P. Allaway et al.

Serial No: 09/852,238 Filed: May 9, 2001

Page 3

In response, applicants submit a substitute paper copy of the Sequence Listing attached hereto as Exhibit B in compliance with the requirements of 37 C.F.R. §1.824. In addition applicants submit herewith a computer readable form (CRF) copy of the "Sequence Listing" as required by 37 C.F.R. §1.825(d). Further, applicants submit herewith as Exhibit C a statement in accordance with 37 C.F.R. §1.821(f), certifying that the substitute computer readable form containing the nucleic acid and/or amino acid sequences as required by 37 C.F.R. §1.821(e) contains the same information which was submitted as the "Sequence Listing" attached as Exhibit B and contains no new matter.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicant's undersigned attorneys invites the Examiner to telephone either of them at the number provided below.

No fee is deemed necessary in connection with the filing of this any additional fee is required, However, if Amendment. authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,

hereby certify that correspondence is being deposited this date with the U.S. Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

8-1-01

Date

White Reg. No. 28,678 Spencer H. Schneider

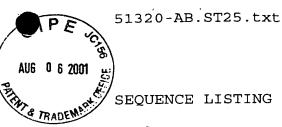
Reg. No. 45,923

John P. White

(212) 278-0400

Registration No. 28,678 Spencer H. Schneider Registration No. 45,923 Attorneys for Applicant(s) Cooper & Dunham, LLP 1185 Avenue of the Americas New York, New York 10036

EXHIBIT B



```
<110> Graham P. Allaway et al.
      USES OF A CHEMOKINE RECEPTOR FOR INHIBITING HIV-1 INFECTION
<120>
       2048/51320-AB/JPW/SHS
<130>
<140>
      09/852,238
      2001-09-05
<141>
<160>
       30
       PatentIn version 3.0
<170>
<210>
       38
<211>
       DNA
<212>
       artificial
<213>
<400>
caaggctact tccctgattg gcagaactac acaccagg
   38
<210>
       2
<211>
      25
<212>
      DNA
<213>
      artificial
<400> 2
agcaagccga gtcctgcgtc gagag
<210>
       3
<211>
       23
<212>
       DNA
<213>
       artificial
```

<210> 4 <211> 33 <212> DNA

<400> 3

23

gggactttcc gctggggact ttc

```
<213> artificial
<400> 4
cctgttcggg cgccactgct agagattttc cac
<210>
       5
<211>
       31
<212>
      PRT
<213>
     human
<400>
     5
Met Asp Tyr Gln Val Ser Ser Pro Ile Tyr Asp Ile Asn Tyr Tyr Thr
Ser Glu Pro Cys Gln Lys Ile Asn Val Lys Gln Ile Ala Ala Arg
            20
<210>
       6
<211>
       15
<212>
       PRT
<213>
      human
<400>
       6
His Tyr Ala Ala Gln Trp Asp Phe Gly Asn Thr Met Cys Gln
                                                         15
                                     10
                5
<210>
       7
<211>
      32
<212>
      PRT
<213>
      human
<400>
      7
Arg Ser Gln Lys Glu Gly Leu His Tyr Thr Cys Ser Ser His Phe Pro
                                     10
Tyr Ser Gln Tyr Gln Phe Trp Lys Asn Phe Gln Thr Leu Lys Ile Val
                                 25
            20
<210>
       8
<211>
       17
<212>
       PRT
```

<213> human

```
<400>
Gln Glu Phe Phe Gly Leu Asn Asn Cys Ser Ser Ser Asn Arg Leu Asp
                                                          15
                                     10
Gln
       9
<210>
      36
<211>
<212>
      DNA
       artificial
<213>
<400>
       9
aagcttggag aaccagcggt taccatggag gggatc
   36
       10
<210>
<211>
       30
<212>
      DNA
<213>
      artificial
<400> 10
gtctgagtct gagtcaagct tggagaacca
   30
<210>
       11
<211>
       41
<212>
       DNA
       artificial
<213>
<400>
       11
ctcgagcatc tgtgttagct ggagtgaaaa cttgaagact c
   41
<210>
       12
<211>
      30
<212> DNA
<213>
       artificial
<400> 12
gtctgagtct gagtcctcga gcatctgtgt
```

30

```
<210> 13
<211> 32
<212> DNA
<213> artificial
<400> 13
aagcttcaga gagaagccgg gatggaaact cc
   32
<210> 14
<211> 30
<212> DNA
<213> artificial
<400> 14
gtctgagtct gagtcaagct tcagagagaa
<210> 15
<211> 32
<212> DNA
<213> artificial
<400> 15
ctcgagctga gtcagaaccc agcagagagt tc
   32
<210> 16
<211> 30
<212> DNA
<213> artificial
<400> 16
gtctgagtct gagtcctcga gctgagtcag
  30
<210> 17
      32
<211>
<212> DNA
<213> artificial
<400> 17
aagcttcagt acatccacaa catgctgtcc ac
   32
```

```
<210>
       18
<211>
       30
<212>
      DNA
       artificial
<213>
<400> 18
gtctgagtct gagtcaagct tcagtacatc
<210>
       19
      31
<211>
<212> DNA
       artificial
<213>
<400> 19
ctcgagcctc gttttataaa ccagccgaga c
   31
       20
<210>
<211>
       30
      DNA
<212>
       artificial
<213>
<400>
       20
gtctgagtct gagtcctcga gcctcgtttt
   30
<210>
       21
<211>
       29
<212> DNA
<213> artificial
<400> 21
aagcttcagg gagaagtgaa atgacaacc
   29
<210>
       22
<211>
       30
<212>
       DNA
       artificial
<213>
<400>
       22
```

```
gtctgagtct gagtcaagct tcagggagaa
   30
<210> 23
<211>
      33
<212> DNA
<213> artificial
<400> 23
ctcgagcaga cctaaaacac aatagagagt tcc
<210> 24
<211> 30
<212> DNA
<213> artificial
<400> 24
gtctgagtct gagtcctcga gcagacctaa
   30
<210> 25
<211> 34
<212> DNA
<213> artificial
<400> 25
aagcttctgt agagttaaaa aatgaacccc acgg
   34
<210> 26
<211>
       30
<212> DNA
<213>
       artificial
<400> 26
qtctgagtct gagtcaagct tctgtagagt
   30
       27
<210>
       34
<211>
<212> DNA
<213> artificial
```

```
<400> 27
ctcgagccat ttcatttttc tacaggacag catc
       28
<210>
<211>
       30
       DNA
<212>
       artificial
<213>
<400>
       28
gtctgagtct gagtcctcga gccatttcat
<210>
       29
<211>
       39
<212>
       DNA
       artificial
<213>
<400> 29
gtctgagtct gagtcaagct taacaagatg gattatcaa
<210>
       30
<211>
       39
       DNA
<212>
       artificial
<213>
<400> 30
qtctgagtct gagtcctcga gtccgtgtcg caagcccac
   39
```

EXHIBIT C

700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Graham P. Allaway, et al.

Serial No. : 09/852,238

Filed : May 9, 2001

USES OF A CHEMOKINE RECEPTOR FOR INHIBITING HIV-1 INFECTION

1185 Avenue of the Americas New York, New York 10036 August 1, 2001

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

STATEMENT IN ACCORDANCE WITH 37 C.F.R. §1.821(f)

In accordance with 37 C.F.R. §1.821(f), I hereby certify that the computer readable form containing the nucleic acid and/or amino acid sequences required by 37 C.F.R. §1.821(e) and submitted in connection with the above-identified application, has the same information as the pages attached hereto as **Exhibit B**, and entitled "Sequence Listing" and contains no new matter.

Respectfully submitted,

Spencer Schneider Registration No. 45,923 c/o Cooper & Dunham LLP 1185 Avenue of the Americas New York, New York 10036

(212) 278-0400